

=> d l10 ide

L10 ANSWER 1 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN 253330-17-5 REGISTRY
CN DNA, d(P-thio)(G-T-T-A-G-G-G-T-T) (9CI) (CA INDEX NAME)
FS NUCLEIC ACID SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l10 ide 2

L10 ANSWER 2 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN 253330-16-4 REGISTRY
CN DNA, d(P-thio)(T-T-A-G-G-G-T-T-A-G-G) (9CI) (CA INDEX NAME)
FS NUCLEIC ACID SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l10 ide 3

L10 ANSWER 3 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN 253330-15-3 REGISTRY
CN DNA, d(P-thio)(T-T-A-G-G-G-T-T-A-G) (9CI) (CA INDEX NAME)
FS NUCLEIC ACID SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

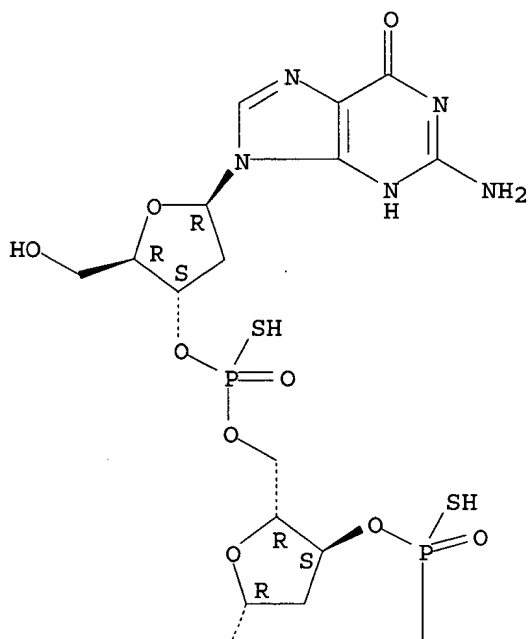
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L10 ANSWER 4 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN

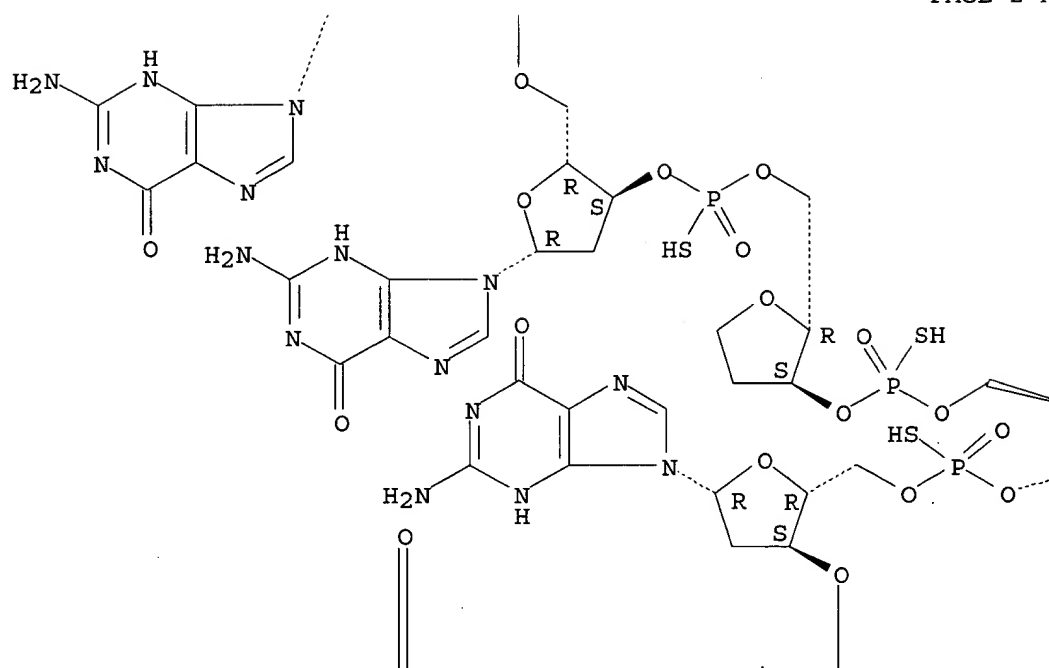
RN 253305-13-4 REGISTRY
CN Guanosine, 2'-deoxy-P-thioguananylyl-(3'→5')-2'-deoxy-P-thioguananylyl-
(3'→5')-2'-deoxy-P-thioguananylyl-(3'→5')-1'-de(6-amino-9H-
purin-9-yl)-2'-deoxy-P-thioadenylyl-(3'→5')-2'-deoxy-P-thioguananylyl-
(3'→5')-2'-deoxy-P-thioguananylyl-(3'→5')-2'-deoxy- (9CI) (CA
INDEX NAME)
FS STEREOSEARCH
MF C65 H82 N30 O33 P6 S6
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

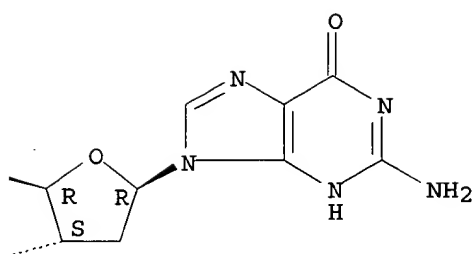
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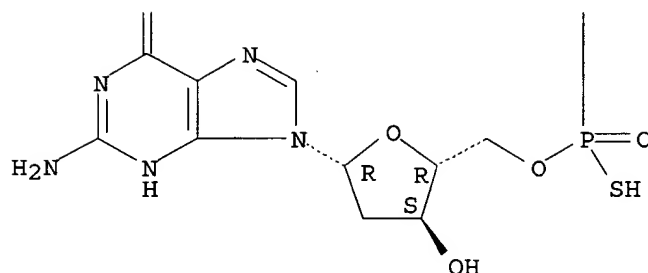
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> FIL STNGUIDE
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
26.90	60.53

FILE 'STNGUIDE' ENTERED AT 12:40:08 ON 05 MAY 2004
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Apr 30, 2004 (20040430/UP).

=> FIL REGISTRY
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
0.24	60.77

FILE 'REGISTRY' ENTERED AT 12:42:49 ON 05 MAY 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 4 MAY 2004 HIGHEST RN 679784-15-7
DICTIONARY FILE UPDATES: 4 MAY 2004 HIGHEST RN 679784-15-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d 110 ide 5

L10 ANSWER 5 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN

RN 253305-12-3 REGISTRY

CN Thymidine, P-thiothymidylyl-(3'→5')-P-thiothymidylyl-(3'→5')-
2'-deoxy-P-thioadenylyl-(3'→5')-2'-deoxy-P-thioguanlylyl-
(3'→5')-2'-deoxy-P-thioguanlylyl-(3'→5')-2'-deoxy-P-
thioguanlylyl-(3'→5')-P-thiothymidylyl-(3'→5')- (9CI) (CA
INDEX NAME)

OTHER NAMES:

CN ISIS 5756

FS STEREOSEARCH

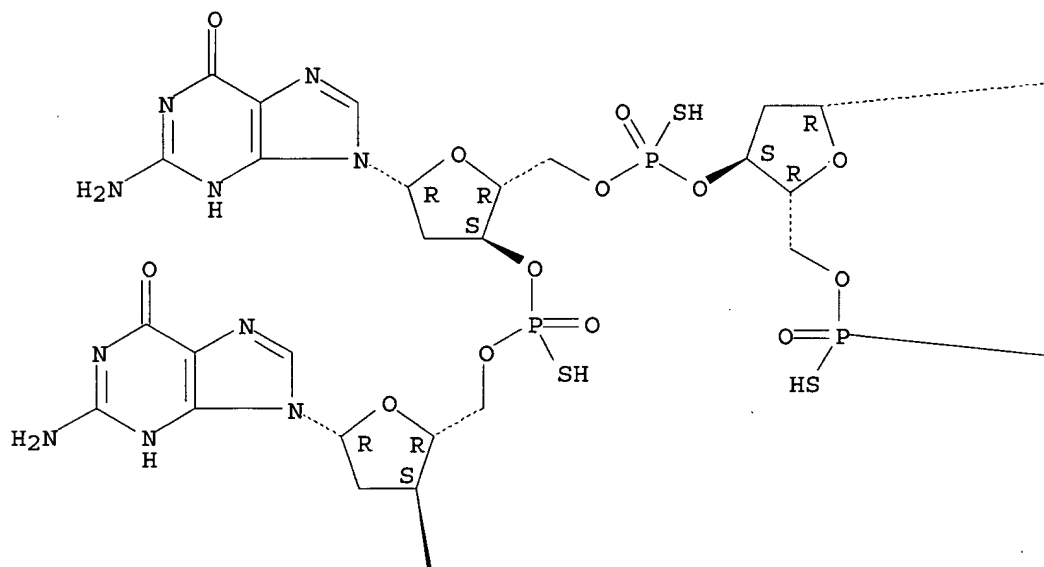
MF C80 H101 N28 O42 P7 S7

SR CA

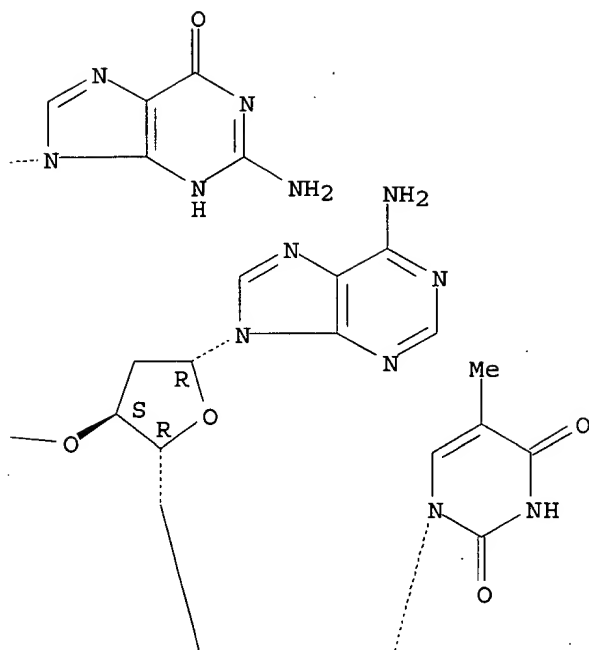
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

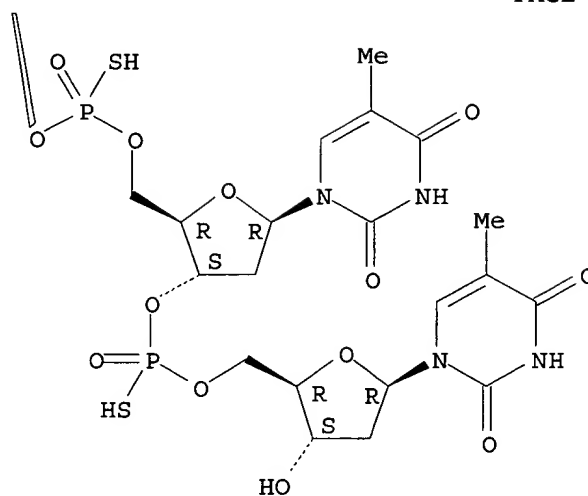
PAGE 1-A



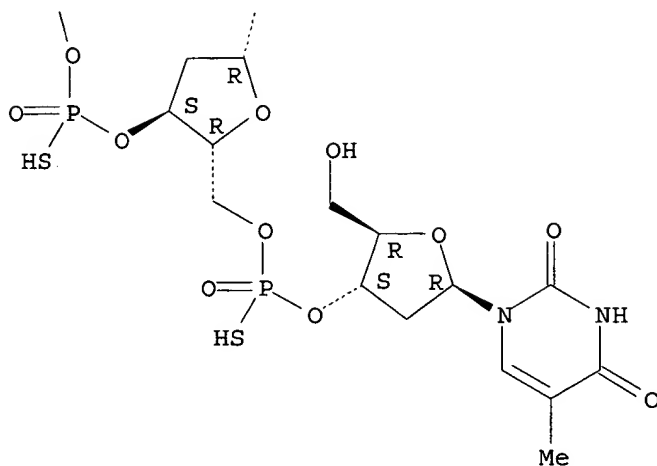
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

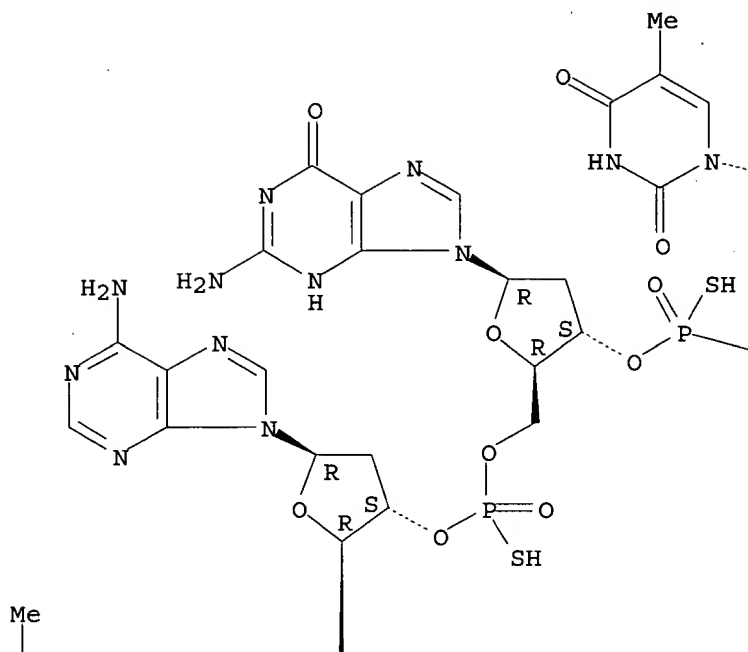
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2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l10 ide 6

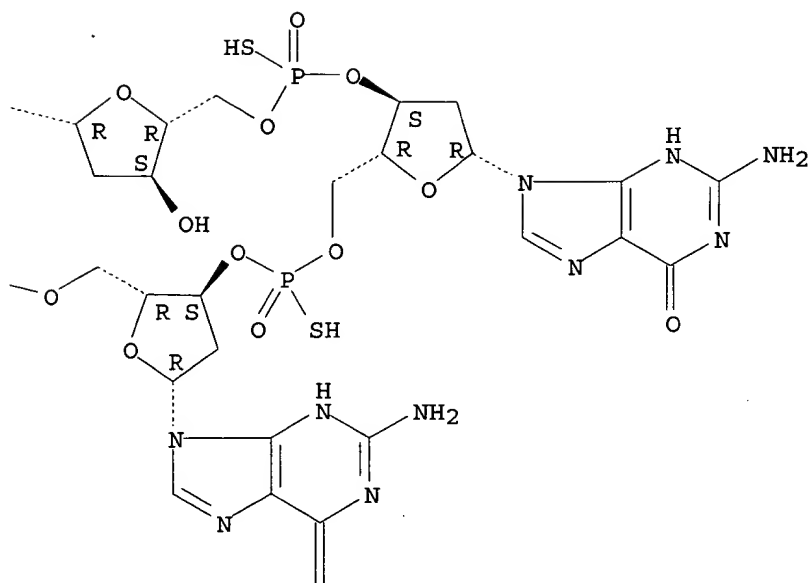
L10 ANSWER 6 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN 253305-11-2 REGISTRY
CN Thymidine, P-thiothymidylyl-(3'→5')-P-thiothymidylyl-(3'→5')-
2'-deoxy-P-thioadenylyl-(3'→5')-2'-deoxy-P-thioguanilyl-
(3'→5')-2'-deoxy-P-thioguanilyl-(3'→5')-2'-deoxy-P-
thioguanilyl-(3'→5')- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C70 H88 N26 O36 P6 S6
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

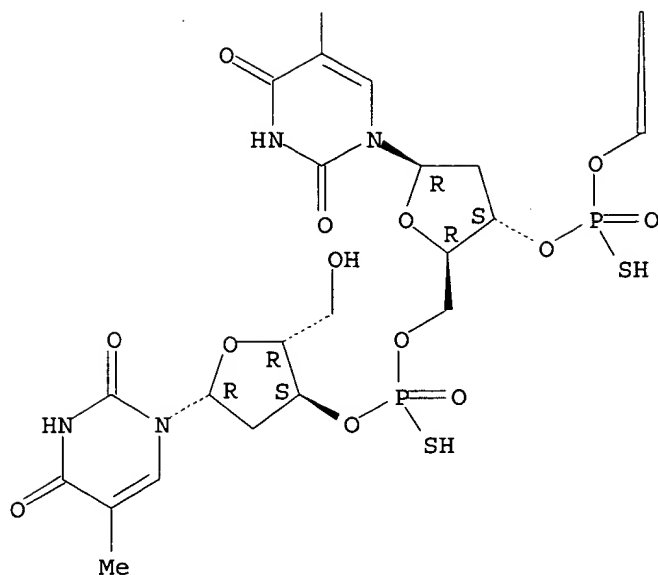
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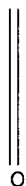
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

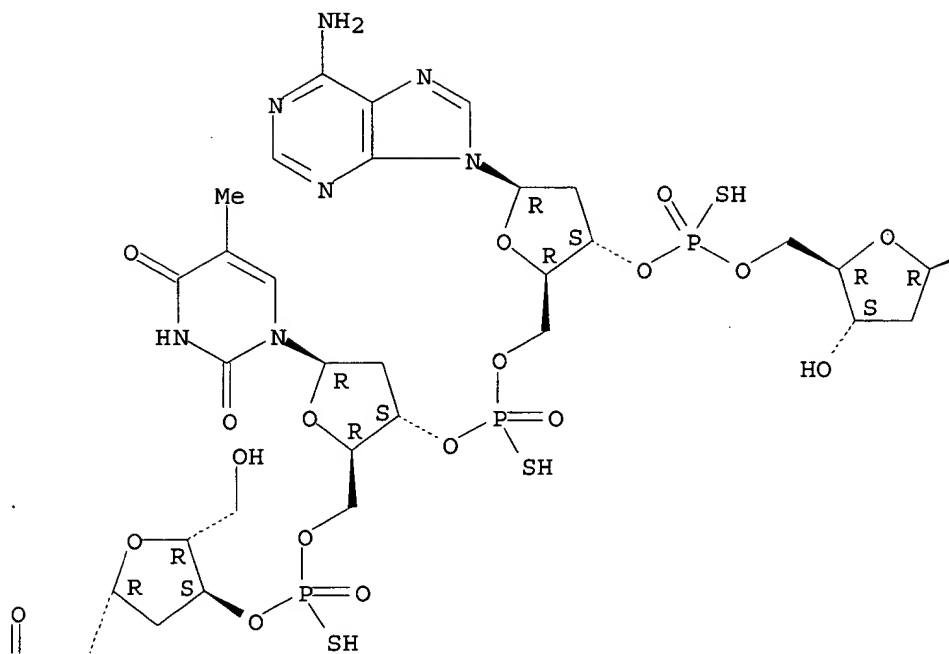
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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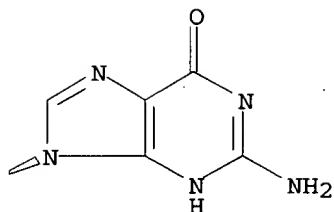
L10 ANSWER 7 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN 253305-10-1 REGISTRY
CN Guanosine, P-thiothymidylyl-(3'→5')-P-thiothymidylyl-(3'→5')-
2'-deoxy-P-thioadenylyl-(3'→5')-2'-deoxy- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C40 H51 N14 O20 P3 S3
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

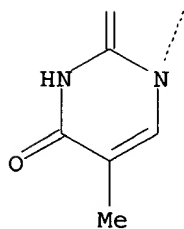
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l10 ide 8

L10 ANSWER 8 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN 220242-69-3 REGISTRY
CN DNA, d(P-thio)(G-G-T-T-A-G-G-G-T) (9CI) (CA INDEX NAME)
FS NUCLEIC ACID SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l10 ide 9

L10 ANSWER 9 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN 220242-68-2 REGISTRY
CN DNA, d(P-thio)(G-G-G-T-T-A-G-G-G) (9CI) (CA INDEX NAME)
FS NUCLEIC ACID SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

RELATED SEQUENCES AVAILABLE WITH SEQLINK
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l10 ide 10

L10 ANSWER 10 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN 220242-67-1 REGISTRY
CN DNA, d(P-thio)(A-G-G-G-T-T-A-G-G) (9CI) (CA INDEX NAME)
FS NUCLEIC ACID SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l10 ide 11

L10 ANSWER 11 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN 220242-66-0 REGISTRY
CN DNA, d(P-thio)(T-A-G-G-G-T-T-A-G) (9CI) (CA INDEX NAME)
FS NUCLEIC ACID SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l10 ide 12

L10 ANSWER 12 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN 220242-65-9 REGISTRY
CN DNA, d(P-thio)(T-T-A-G-G-G-T-T-A) (9CI) (CA INDEX NAME)
FS NUCLEIC ACID SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

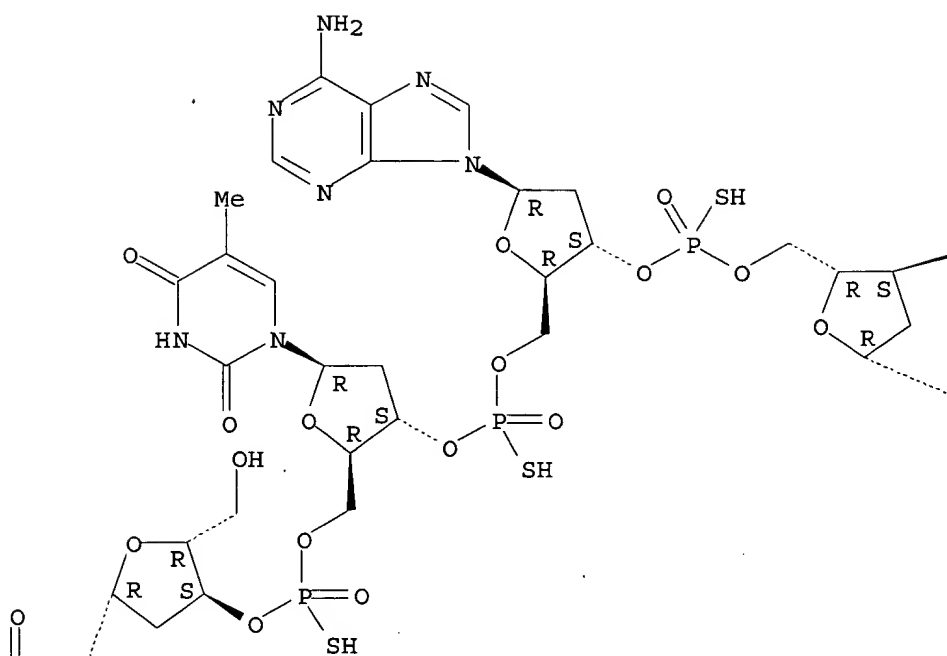
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3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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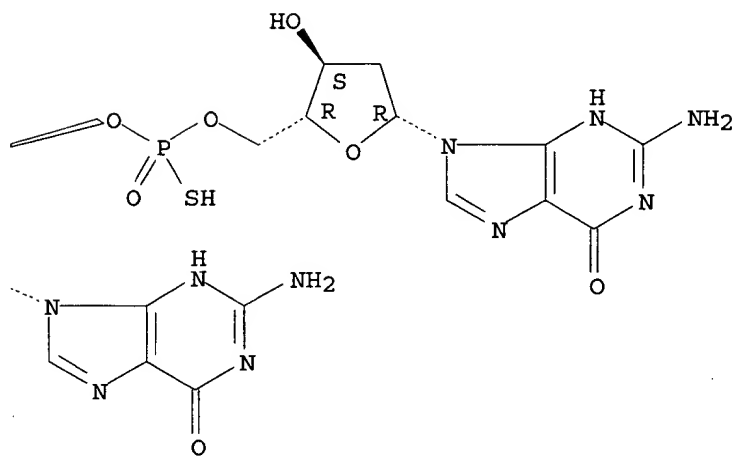
L10 ANSWER 13 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN 190721-91-6 REGISTRY
CN Guanosine, P-thiothymidylyl-(3'→5')-P-thiothymidylyl-(3'→5')-
2'-deoxy-P-thioadenylyl-(3'→5')-2'-deoxy-P-thioguanilyl-
(3'→5')-2'-deoxy- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C50 H63 N19 O25 P4 S4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

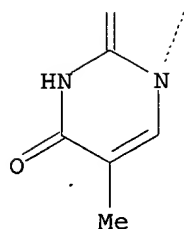
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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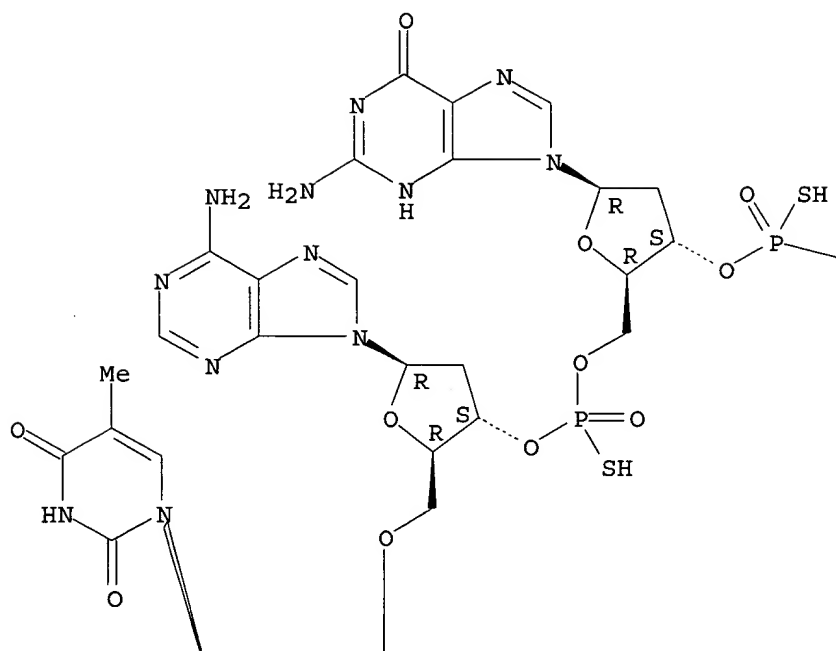
L10 ANSWER 14 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN 178943-39-0 REGISTRY
CN Guanosine, P-thiothymidylyl-(3'→5')-P-thiothymidylyl-(3'→5')-
2'-deoxy-P-thioadenylyl-(3'→5')-2'-deoxy-P-thioguanlylyl-
(3'→5')-2'-deoxy-P-thioguanlylyl-(3'→5')-2'-deoxy- (9CI) (CA
INDEX NAME)

OTHER NAMES:

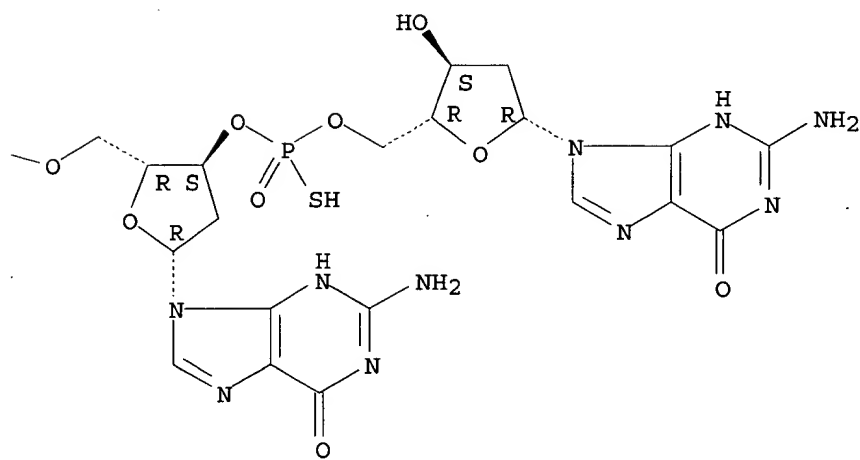
CN 3: PN: US6245747 SEQID: 3 claimed sequence
CN 90: PN: WO0144465 PAGE: 19 claimed sequence
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DR 357408-06-1
MF C60 H75 N24 O30 P5 S5
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

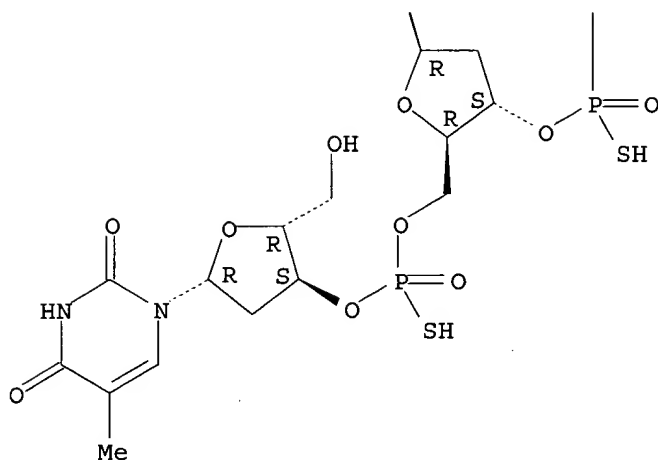
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

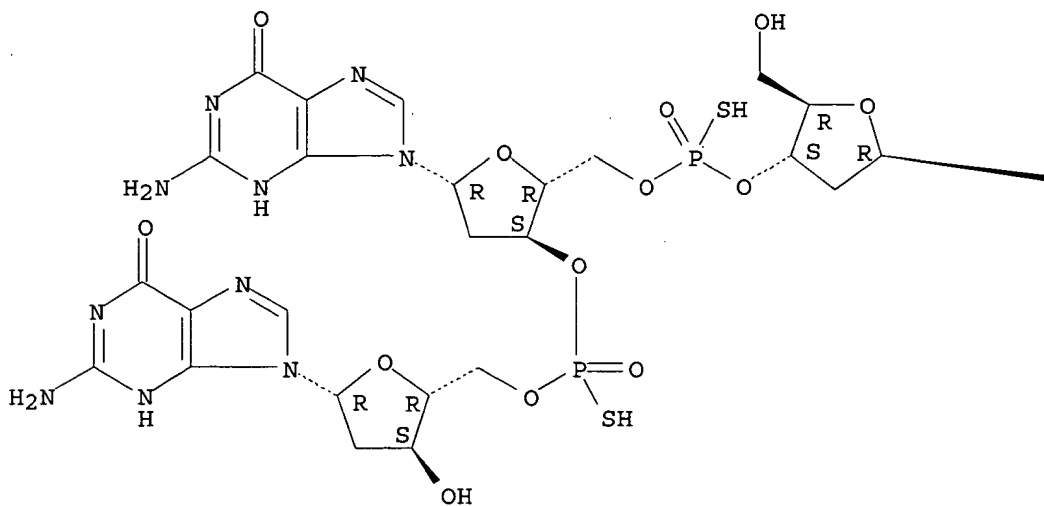
13 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 13 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l10 ide 15

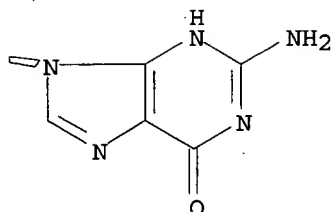
L10 ANSWER 15 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 158703-48-1 REGISTRY
 CN Guanosine, 2'-deoxy-P-thioguanlyl-(3'→5')-2'-deoxy-P-thioguanlyl-
 (3'→5')-2'-deoxy- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C30 H37 N15 O14 P2 S2
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l10 ide 16

L10 ANSWER 16 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN

RN 158614-75-6 REGISTRY

CN Guanosine, 2'-deoxy-P-thioguanlyl-(3'→5')-2'-deoxy-P-thioguanlyl-
(3'→5')-2'-deoxy-P-thioguanlyl-(3'→5')-2'-deoxy- (9CI) (CA
INDEX NAME)

OTHER NAMES:

CN IP 4803

CN ISIS 4803

CN ISIS 5673

FS STEREOSEARCH

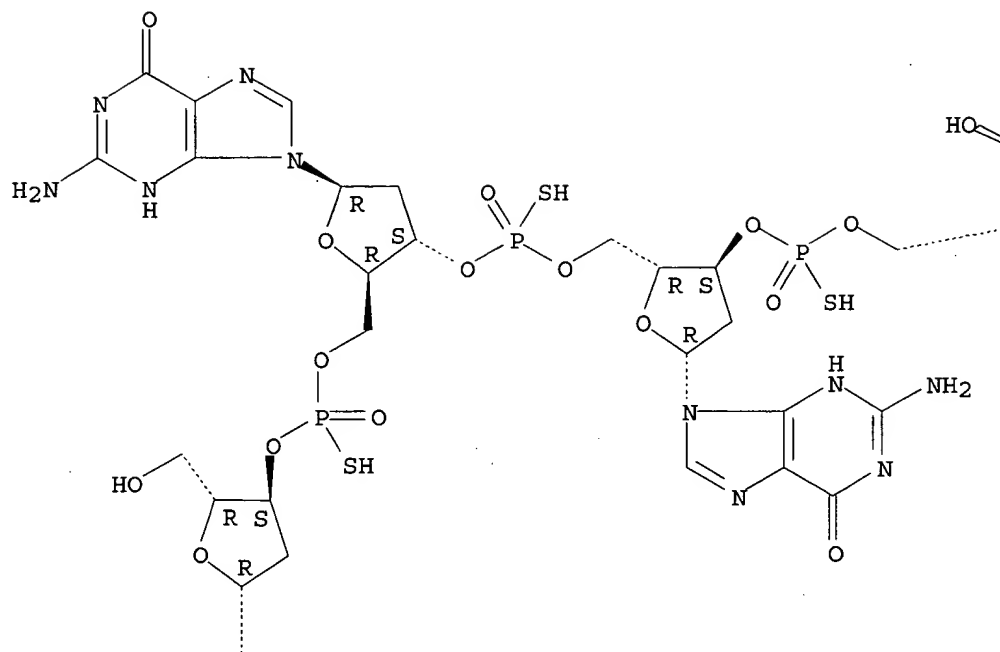
MF C40 H49 N20 O19 P3 S3

SR CA

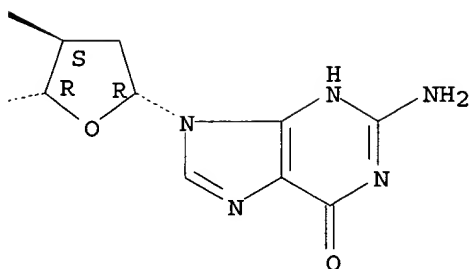
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

Absolute stereochemistry.

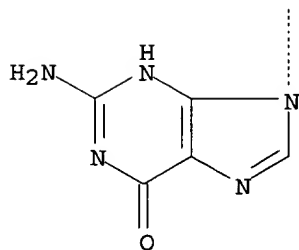
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

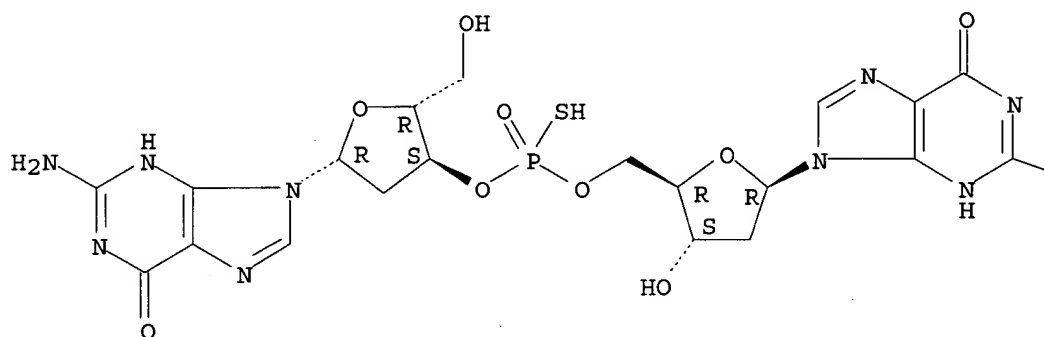
11 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
11 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l10 ide 17

L10 ANSWER 17 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN 155487-46-0 REGISTRY
CN Guanosine, 2'-deoxy-P-thioguananylyl-(3'->5')-2'-deoxy- (9CI) (CA
INDEX NAME)
FS STEREOSEARCH
MF C20 H25 N10 O9 P S
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

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NH₂

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l10 ide 18

L10 ANSWER 18 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN 120178-12-3 REGISTRY

Telomerase

CN Nucleotidyltransferase, terminal deoxyribo- (telomeric DNA) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN DNA telomerase
CN Telomerase
CN Telomerase reverse transcriptase
MF Unspecified
CI MAN
SR CA
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, CA, CAPLUS, CBNB, CEN, CIN, EMBASE, IPA, PROMT, TOXCENTER, USPAT2, USPATFULL

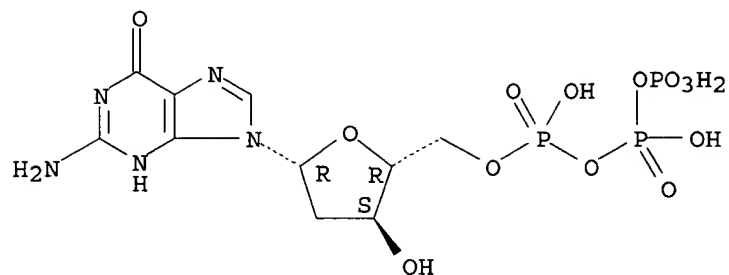
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

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12 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
4041 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l10 ide 19

L10 ANSWER 19 OF 19 REGISTRY COPYRIGHT 2004 ACS on STN
RN ~~2564-35-4~~ REGISTRY
CN Guanosine 5'-(tetrahydrogen triphosphate), 2'-deoxy- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Guanosine, 2'-deoxy-, 5'-(tetrahydrogen triphosphate) (8CI)
CN Guanosine, 2'-deoxy-, 5'-triphosphate (6CI, 7CI)
OTHER NAMES:
CN 2'-Deoxy-5'-GTP
CN 2'-Deoxyguanosine 5'-triphosphate
CN 5'-DGTP
CN Deoxy-GTP
CN Deoxyguanosine 5'-triphosphate
CN Deoxyguanosine triphosphate
CN dGTP
FS STEREOSEARCH
DR 2922-27-2
MF C10 H16 N5 O13 P3
CI COM
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHM, DDFU, DRUGU, EMBASE, IFICDB, IFIUDB, MEDLINE, MSDS-OHS, PROMT, RTECS*, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**
(**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1408 REFERENCES IN FILE CA (1907 TO DATE)
47 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1413 REFERENCES IN FILE CAPLUS (1907 TO DATE)
31 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=>